

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050521\
 Data File : BP050521.D
 Acq On : 05 May 2021 15:53
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

mohammad
 5/6/2021 4:51:45 PM

Quant Time: May 05 17:15:42 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 17:06:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	12258	20.00	ng	0.00
21) Naphthalene-d8	10.510	136	40087	20.00	ng	0.00
39) Acenaphthene-d10	14.363	164	30485	20.00	ng	0.00
64) Phenanthrene-d10	17.122	188	79901	20.00	ng	# 0.00
76) Chrysene-d12	21.216	240	109474	20.00	ng	# 0.00
86) Perylene-d12	23.539	264	125378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	25881	36.94	ng	0.00
7) Phenol-d6	6.905	99	32243	32.88	ng	0.00
23) Nitrobenzene-d5	8.881	82	41376	36.58	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	33585	53.11	ng	0.00
45) 2-Fluorobiphenyl	12.987	172	111565	43.69	ng	0.00
79) Terphenyl-d14	19.686	244	263466	43.24	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.199	88	5625	14.46	ng	# 89
3) Pyridine	3.623	79	12050	13.79	ng	# 74
4) n-Nitrosodimethylamine	3.528	42	9278	25.07	ng	# 10
6) Aniline	7.058	93	18490	16.98	ng	# 76
8) 2-Chlorophenol	7.287	128	14405	19.80	ng	# 89
9) Benzaldehyde	6.869	77	8965	17.58	ng	# 76
10) Phenol	6.934	94	16650	17.03	ng	# 52
11) bis(2-Chloroethyl)ether	7.152	93	11121	16.52	ng	# 98
12) 1,3-Dichlorobenzene	7.605	146	18137	20.69	ng	# 77
13) 1,4-Dichlorobenzene	7.752	146	18665	20.96	ng	# 98
14) 1,2-Dichlorobenzene	8.069	146	17105	19.90	ng	# 93
15) Benzyl Alcohol	7.969	79	15526	17.27	ng	# 73
16) 2,2'-oxybis(1-Chloropr...	8.240	45	5778m	19.72	ng	# 80
17) 2-Methylphenol	8.181	107	12091	19.32	ng	# 92
18) Hexachloroethane	8.781	117	7821	21.34	ng	# 96
19) n-Nitroso-di-n-propyla...	8.534	70	12735	16.46	ng	# 82
20) 3+4-Methylphenols	8.511	107	15226	17.79	ng	# 89
22) Acetophenone	8.552	105	22523	18.67	ng	# 89
24) Nitrobenzene	8.928	77	21154	18.30	ng	# 94
25) Isophorone	9.452	82	32724	17.80	ng	# 78
26) 2-Nitrophenol	9.634	139	8307	21.70	ng	# 79
27) 2,4-Dimethylphenol	9.705	122	11324	19.70	ng	# 99
28) bis(2-Chloroethoxy)met...	9.934	93	13606	17.11	ng	# 97
29) 2,4-Dichlorophenol	10.175	162	17117	21.89	ng	# 95
30) 1,2,4-Trichlorobenzene	10.375	180	22756	22.95	ng	# 96
31) Naphthalene	10.557	128	43234	20.20	ng	# 77
32) Benzoic acid	9.852	122	8406	19.96	ng	# 90
33) 4-Chloroaniline	10.693	127	16697	22.07	ng	# 97
34) Hexachlorobutadiene	10.840	225	19028	18.87	ng	# 99
35) Caprolactam	11.487	113	4136	21.30	ng	# 94
36) 4-Chloro-3-methylphenol	11.828	107	16089	20.39	ng	# 98
37) 2-Methylnaphthalene	12.181	142	35404	21.66	ng	# 97
38) 1-Methylnaphthalene	12.399	142	31879	17.26	ng	# 93
40) 1,2,4,5-Tetrachloroben...	12.552	216	28819			
41) Hexachlorocyclopentadiene	12.522	237	7854			
43) 2,4,6-Trichlorophenol	12.804	196	17768			

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	19139	22.04	ng	97
46) 1,1'-Biphenyl	13.199	154	48438	21.18	ng	95
47) 2-Chloronaphthalene	13.240	162	40416	21.60	ng	95
48) 2-Nitroaniline	13.457	65	12265	19.94	ng	98
49) Acenaphthylene	14.087	152	57774	20.88	ng	98
50) Dimethylphthalate	13.834	163	54656	22.11	ng	97
51) 2,6-Dinitrotoluene	13.957	165	12609	23.02	ng	# 85
52) Acenaphthene	14.428	154	37339	21.66	ng	97
53) 3-Nitroaniline	14.293	138	9005	20.50	ng	87
54) 2,4-Dinitrophenol	14.516	184	7347	20.91	ng	# 80
55) Dibenzofuran	14.763	168	67372	21.74	ng	99
56) 4-Nitrophenol	14.634	139	6451	19.21	ng	93
57) 2,4-Dinitrotoluene	14.757	165	17830	22.53	ng	87
58) Fluorene	15.416	166	52999	20.65	ng	92
59) 2,3,4,6-Tetrachlorophenol	15.004	232	19238	22.38	ng	# 94
60) Diethylphthalate	15.198	149	53274	21.94	ng	98
61) 4-Chlorophenyl-phenyle...	15.416	204	34574	21.49	ng	93
62) 4-Nitroaniline	15.457	138	8542	20.96	ng	# 80
63) Azobenzene	15.704	77	55813	18.83	ng	88
65) 4,6-Dinitro-2-methylph...	15.522	198	13331	22.11	ng	96
66) n-Nitrosodiphenylamine	15.634	169	48133	20.82	ng	# 90
67) 4-Bromophenyl-phenylether	16.310	248	25720	22.97	ng	98
68) Hexachlorobenzene	16.422	284	31888	24.76	ng	97
69) Atrazine	16.592	200	22083	21.12	ng	97
70) Pentachlorophenol	16.775	266	16214	23.34	ng	99
71) Phenanthrene	17.163	178	93173	21.47	ng	98
72) Anthracene	17.251	178	92253	21.16	ng	97
73) Carbazole	17.534	167	80870	20.91	ng	100
74) Di-n-butylphthalate	18.087	149	89492	21.13	ng	# 94
75) Fluoranthene	19.134	202	126658	21.18	ng	97
77) Benzidine	19.334	184	32926	17.59	ng	98
78) Pyrene	19.492	202	131128	20.97	ng	97
80) Butylbenzylphthalate	20.369	149	42069	20.98	ng	97
81) Benzo(a)anthracene	21.198	228	147924	20.83	ng	97
82) 3,3'-Dichlorobenzidine	21.139	252	55354	22.68	ng	# 100
83) Chrysene	21.251	228	139806	20.20	ng	97
84) Bis(2-ethylhexyl)phtha...	21.128	149	61085	19.60	ng	# 98
85) Di-n-octyl phthalate	22.022	149	106293	20.09	ng	# 91
87) Indeno(1,2,3-cd)pyrene	25.945	276	204740	20.29	ng	# 97
88) Benzo(b)fluoranthene	22.827	252	166125	19.90	ng	# 98
89) Benzo(k)fluoranthene	22.874	252	163452	20.49	ng	# 97
90) Benzo(a)pyrene	23.433	252	153870	20.22	ng	# 98
91) Dibenzo(a,h)anthracene	25.957	278	181735	20.69	ng	# 96
92) Benzo(g,h,i)perylene	26.686	276	170037	20.85	ng	# 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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